VERSION : 1
DATE : 01/09/2013

LED
Smart TV

HDTV **AB-LED32L32D 3D**

Full HD **AB-LED42L32D 3D**

ISO 9001:2008
Management System
valid until:
06.06.2016
TÜVRheinland CERTIFIED
www.tuv.com
ID 9105072904

Manuel d'utilisation

Assistance & S.A.V
035.60.60.60

Contents

Features……1
Safety warning and notice……1
Mounting and Connecting……3
Packing list……3
Mounting the TV set……3
Connecting peripheral equipment……4
Panel Control Keys……7
Remote Control……7
Basic Operations……8
Turning on/Standby……8
Signal source selection……8
Menu operation description……8
Program scanning……9
Menu setting list……9
3D Setup ……11
USB multimedia function……12
Troubleshooting……15
Technical Specifications……16

Features

1. It can support 3D video player function, bringing you with true-to-life 3D scene and vivid experience.
2. Compatibility with 2D/3D display allows you to freely switch from 2D to 3D, and vice versa.
3. High quality 3D LED screen is free from flashing and has little radiation, thus greatly reducing fatigue of your eyes for care. It also features high brightness & contrast and wide view. Extremely responsiveness greatly reduces blurred pictures in motion.
4. TV/Monitor with two in one and multiple input ports can easily switch among the modes.
5. De-interlacing image disposal is adopted. Today's most advanced technique for movement compensation, can completely improve the saw tooth and vague edges of the athletic picture.
6. There are four smart sound modes and four smart image modes.
7. Dynamic contrast technology can obviously improve the definition and contrast of the picture.
8. Tuner for frequency synthesis can support full auto search and manual search.
9. With perfect timing function, you can set time to turn off. It will be turned off in state of no signals, too.
10. Auto Adjustment can help you to setup the image into the best performance in a few seconds instead of complicated adjustment in PC mode.
11. Auto color balance adjustment technology can make the machine to reach the best color setting in PC mode.
12. Support hi-definitionYPbPr and double HDMI.
13. All functions can be realized with remote control, which is really a convenient operation.
14. Power is designed to save energy.
15. Input ports include VGA, YPbPr, HDMI, CVBS, USB and TV.
16. Output ports include AV and earphone.
17. Supports USB interface. USB Support Full HD Streaming media.
18. Ultra-thin and super narrow design.

Safety warning and notice

Thank you to choose the LED TV with LED backlight made by our company, a valuable product with excellent quality and multiple functions. This machine will bring you more audiovisual enjoyment. Its design can insure user's safety. All machine are strictly tested before leaving factory. But incorrect use can lead to electric shock or fire. In order to ensure safety and extend its life, please read the manual and marking label carefully before using it and comply with the following safety instructions. Please keep the user manual for later use.

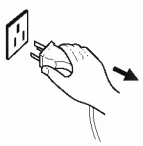
⚠ **Warning**	May result in casualties
⚠ **Attention**	May result in personal injury or property losses
⊘	Indicate the behaviors that must be prohibited
●	Indicate the operations that must be performed

Safety warning and notice

Under Following Conditions

- Power failure or unstable voltage.
- Abnormal sound or smell from the device.
- AC power cord is damaged.
- TV set is damaged due to falling off, knock or impact.
- Any liquid or foreign matters enter into the TV set.

Turn off the TV set immediately, unplug the power cord from the power outlet, and contact authorized maintenance personnel.



- **If coal gas or other flammable gases leak, do not unplug the power cord of the TV set or other electric appliances; instead, close the valve of the gas immediately and open the doors and windows.**

⚠ Warning

- **Only use 100-240VAC 60/50Hz power supply.**
- **This TV must be connected to a three pin socket outlet for safety.**
- **All cables can be connected or pull out only after power supply is turned off.**
- **Do not fix the TV set on instable position, or else it may cause falling off, damage, or even fire.**
- **Do not put the TV set in the environment:**
  1. **With direct sunshine, moisture, overheating, undercooling or heavy dust;**
  2. **With flammable or explosive substance;**
  3. **With flammable or corrosive gas;**
  4. **In bathroom, kitchen, etc.**
- **Do not use damaged or improper power socket, and ensure that the plug and socket are connected properly.**
- **Keep the power plug and socket free of dust and metal pieces.**
- **Do not damage the power cord:**
  1. **It is prohibited to refit the power cord;**
  2. **Do not put heavy object on the power cord;**
  3. **Keep the power cord away from heat source;**
  4. **Do not drag the power cord when unplugging.**
- **Do not connect too many appliances to one power strip, or else it may cause fire due to high power consumption.**
- **Do not let open flame (e.g. lit candle) approach the TV set, or else it may cause electric shock or fire.**
- **Do not put the container filled with water on the TV set, to avoid electric shock or fire caused by water drop of splashing.**
- **Do not penetrate any sharp object, metal or liquid into the signal connector or air vents, to avoid short circuit and product damage as well as electric shock.**
- **The slots on the case is designed to release heat so as to assure that all inside components will not reach an extra high temperature and can work normally for a long time. Please do not cover the holes while place it.**

Do not touch the plug with wet hands, or else it may cause electric shock.

Do not turn on the TV set in thunderstorm weather; instead, unplug the power plug and antenna connector to avoid lightning strike.

Do not disassemble the TV set by yourself, or else it may cause electric shock or fire. Contact qualified personnel for maintenance.

Safety warning and notice

⚠ Attention

- **Do not let children climb onto the TV set.**
- **Keep the small accessories away from children's reach to avoid swallowing.**
- **If the TV set won't be used for a long time, please turn off the device and unplug the power cord.**
- **Before cleaning the TV set, unplug the power cord and wipe with soft cloth; do not use chemical reagents and avoid foreign substances entering into the device. Improper cleaning may damage the appearance or erase the printing information on the product.**
- **To adjust the position or angle of the TV set, please disconnect all wires and move slowly to avoid falling off.**
- **Do not rub with hard object, knock at, bend or squeeze the screen.**
- **Do not use machine immediately after transfering machine to the places with high temperature from low temperature, which will cause fogging inside machine and failures.**
- **If the screen is broken and the liquid splashes on skin, please wash with clean water immediately for 15 minutes, and go to see your doctor.**
- **To carry the TV set with hands, please grasp the corners and hold the bottom; do not apply force on the panel.**
- **Displaying the same image for a long time or active image with fixed words, icons will leave "image persistence" on screen which will not disappear after powering off for a long time. This undesirable phenomenon is not covered by warranty.**
- **Healthy TV watching:**
  1. Watch in appropriate light; poor light or long time watching may hurt your eyes.
  2. If a headset is used, adjust the volume appropriate to avoid hurting your hearing.
- **Unplug the power cord of the device to cut off the power supply.**
- **If a power plug or appliance coupler is used as disconnecting device, it should ensure easy operation.**
- **Power plug shall be connected reliably. Loose power plugs may cause sparkle and fire.**
- **All the technical specifications in the user manual and on the packaging are subject to changes without prior notice. If there is slight deviation between the user manual and actual operation, the latter shall prevail.**

Mounting and Connecting

Packing list

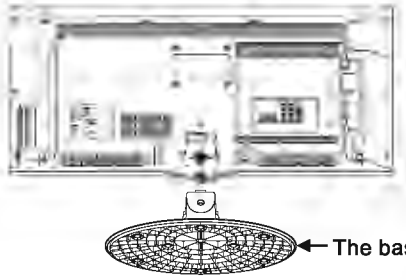
1. The TV set; 2. User Manual; 3: Remote control; 4: Power cord (or attached to TV set)
5. Four 3D glasses

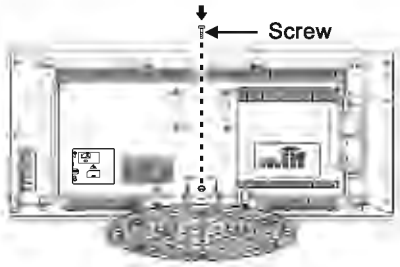
Mounting the TV set

Insert the base into the support hole in the rear enclosure in the arrow direction shown in the picture, aligning the screw hole in the rear enclosure and the screw hole in the base, and then tighten the screw.

***Remark**: The actual base and appearance may be different from the picture; please refer to the device.*

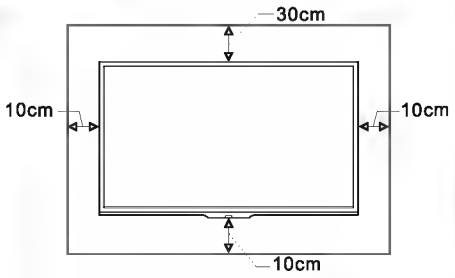
Mounting and Connecting



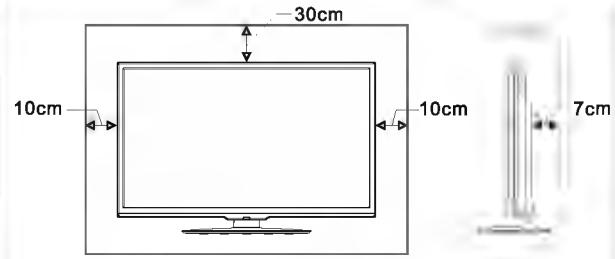


- The TV set should be mounted near the AC power socket for easy plugging and unplugging.
- For your safety, please select appropriate wall mount bracket or base.
- To avoid hurt, it is required to place the TV set on stable plane, or fix on firm wall.
- Ask qualified personnel to mount the TV set on the wall. Improper mounting may result in instable TV set.

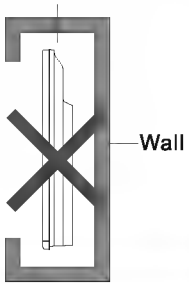
Mount on the wall



Mount on the base



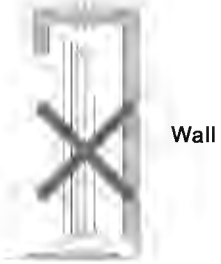
Obstruct the air circulation



Ventilation

- Please keep this space at least around the TV, as shown in the figure.
- Do not cover the air vents or insert any object into the enclosure.
- Do not put the device in limited space, e.g. bookcase or embedded closet, unless the TV set is properly ventilated.

Obstruct the air circulation



Tips on Installation

- Do not place the TV set at any place susceptible to mechanical vibration.
- Do not place the TV set at any place that insects may enter.
- Do not mount the TV set against air conditioner, or else the internal panel of the display may condense moisture and cause failure.
- Do not place the TV set at any place with strong magnetic field, or else it may be interfered with and damaged by electromagnetic wave.

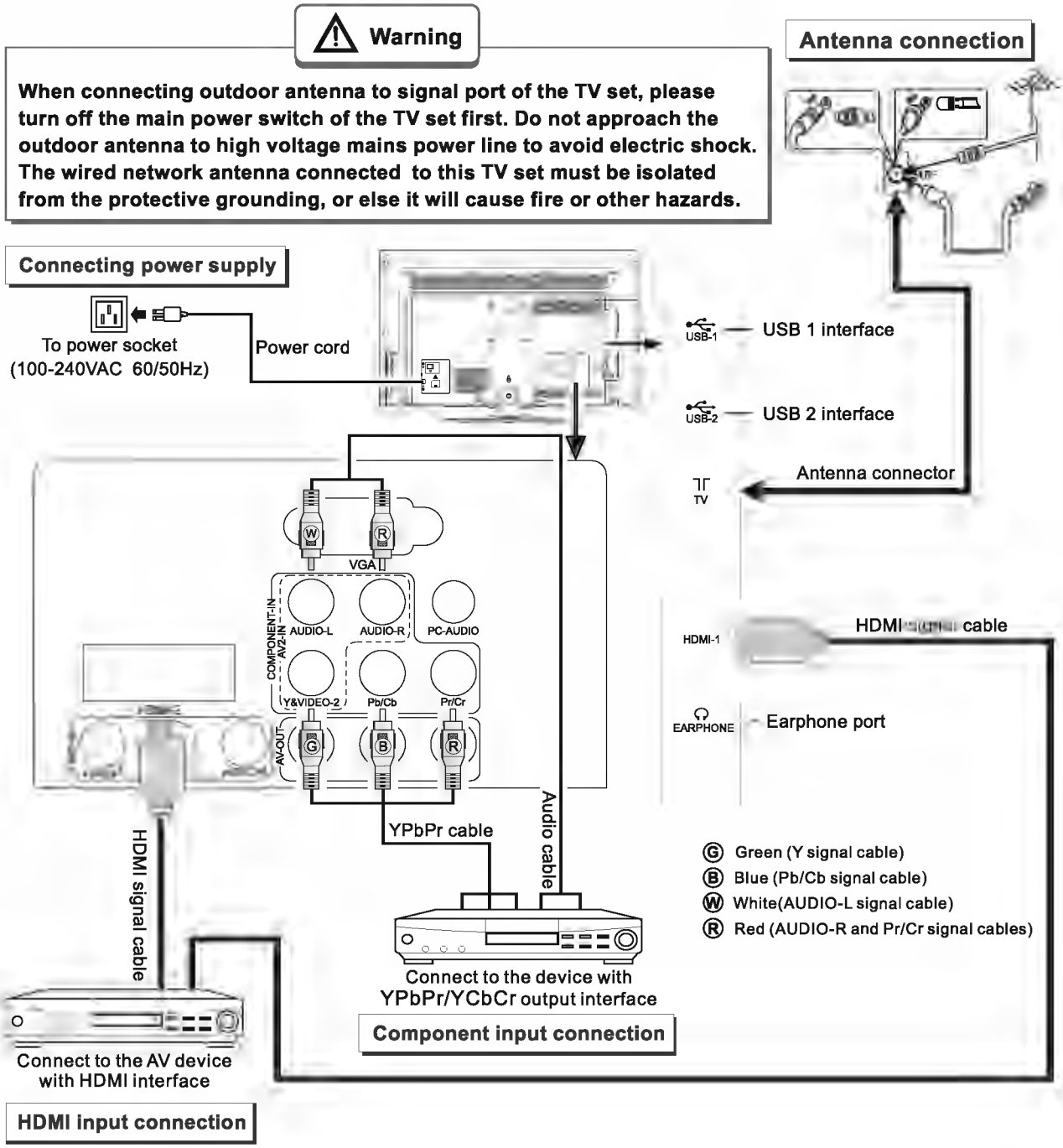
Connecting peripheral equipment

You can connect various devices to the TV set and view high quality images. If the video device has HDMI, YPbPr/YCbCr, AV, PC and other video output/input ports. You can select one of them and connect to corresponding input or output ports of the TV set. After connected, press "SOURCE" key, then menu of signal

source will be displayed on the screen. Press the "▲/▼" key to select the input signal, and press "OK" key to confirm. The connecting mode is shown in the figure.

Warning

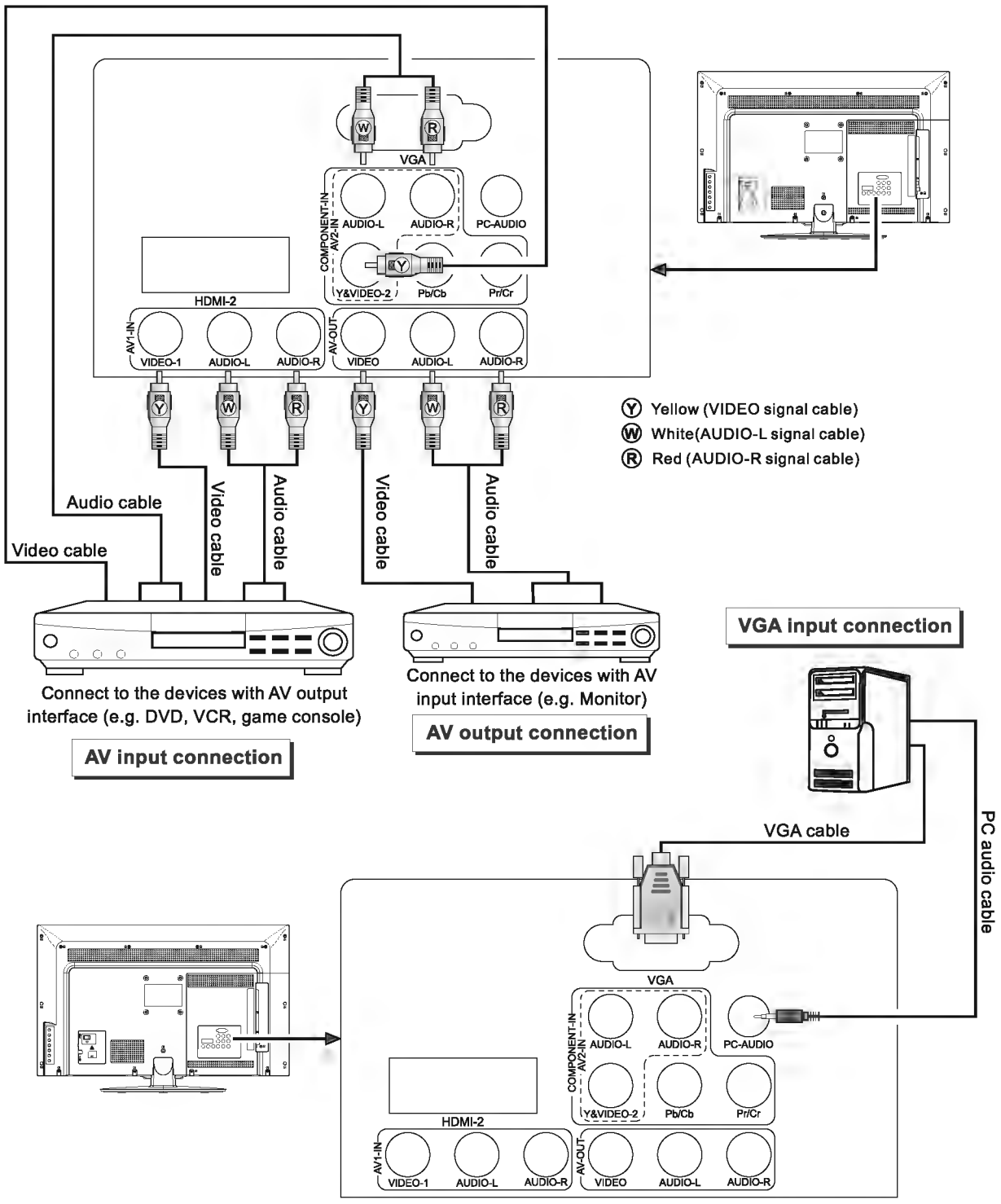
When connecting outdoor antenna to signal port of the TV set, please turn off the main power switch of the TV set first. Do not approach the outdoor antenna to high voltage mains power line to avoid electric shock. The wired network antenna connected to this TV set must be isolated from the protective grounding, or else it will cause fire or other hazards.



Remark:

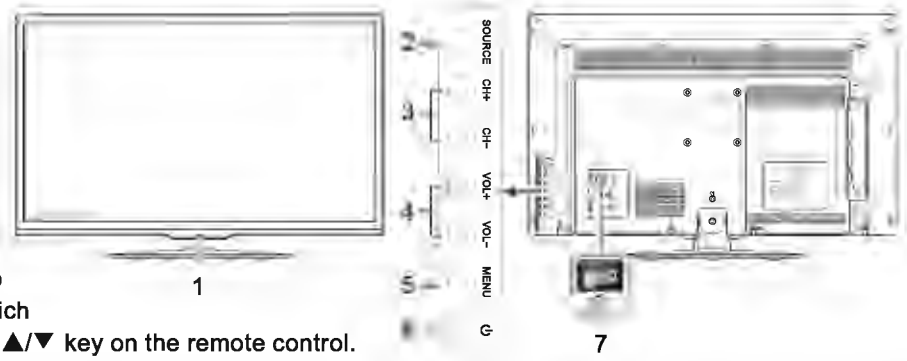
1. The VIDEO-2 and component Y signal of the device share same input interface. AV2 and component audio share same input interface.

2. If an earphone is inserted, the speaker of the TV set turns off automatically.



Note: *The peripheral equipment and cables described in this manual should be purchased separately.*

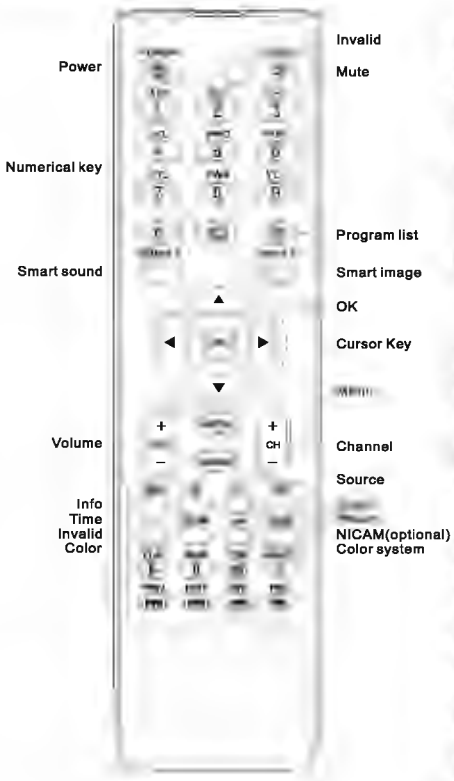
Panel Control Keys



1) Power LED indicator and remote receiving window.
2) **SOURCE**: Press this key to enter the menu of signal source and choose signal source.
3) **CH+/CH-**: Press these two keys to select the channel. In OSD menu, press the two keys to adjust the items, which have the same functions as ▲/▼ key on the remote control.
4) **VOL+/VOL-**: Press these two keys to add or reduce volume. In OSD menu, press the two keys to adjust the analog value of selected item, which have the same functions as ◀/▶ key on the remote control.
5) **MENU**: Press this key to enter main menu.
6) ⏻ Power on/Standby.
7) ⏼ Power switch (press " **I** " end to turn power on, and press "**O**" end to turn power off)

Note: *Different models may have different appearances; please refer to the actual device.*

Remote Control



Remote Control Key Instruction

Key	Function
POWER(⏻)	Switch between normal working and standby
MUTE( )	Turn off the sound
Numerical key	Press the number keys to select channels directly
3D	3D menu shortcut key
Program list( )	View program list
SMART S	Switch the audio mode among Standard, Music, Movie, User
SMART P	Switch the image mode among Standard, Soft, User, Bright
▲/▼/◀/▶	▲/▼: select functions; ◀/▶: adjust the analog value
VOL+/VOL-	Turn up/down the volume
MENU	Press this key to call out the main menu
SOURCE	Press this key to display signal source selection menu
CH+/CH-	Increase/decrease the channel
INFO	System information display switch
Time ( )	Time setting key; press this key to set the power off time
Return ( )	Press this key to return to previous channel
16:9	Switch the display mode
Color	Switch color temperature
P/N	Select color system
AUDIO(optional)	Select NICAM mode
OK	Confirm the operation
PLAY (▶)	
PAUSE (II)	
STOP (■)	
ROTATE ( )	Used for operations in USB mode
PREV. ( )	
NEXT ( )	
REV. ( )	
F.WD ( )	

Remark: *The picture may be different from the remote control; please refer to the actual product.*

Remote Control

Installing battery

Remove the battery cover, and insert two AAA (1.5V) batteries; make sure that the polarity of the battery is consistent with the marks "+/-" in the battery slot.

Precautions of remote control usage

- Point the remote control to the receiver window. The objects between remote control and the receiver window may disturb the normal operation.
- Keep the remote control away from strong vibration. In addition, do not set or put the remote control in direct sunshine, which may result in deformation of the remote control.
- The remote control may be invalid if the receiver window is in direct sunshine or strong light; in this case, please adjust the angle of the light or the device, or approach the remote control to the receiver window.
- The effective range of the remote control may be affected if the battery voltage is low; in this case, please replace with a new battery; if the remote control won't be used or battery voltage is too low, please take out the battery to avoid corrosion due to battery liquid leakage.
- Do not mix different types of batteries, or used and new batteries.
- Do not throw the batteries into fire, charge or break up, or charge, short circuit, disassemble, heat or burn the used batteries. Please follow the environmental protection regulations to disposal of the batteries.

Basic Operations

Turning on/Standby

Insert the power plug into the outlet. Press "⏻" button on the TV set, and press "⏻" key on the remote control or on the control panel to turn on the TV set. Press "⏻" key again to switch the TV set to standby state.

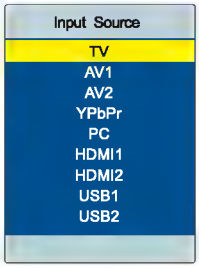
★ **Special note**

This device adopts energy saving technology:

1. If there is no signal input in power on state, the TV set enters standby state automatically after five minutes.
2. When the schedule power off time is reached, the TV set enters standby state automatically.

Signal source selection

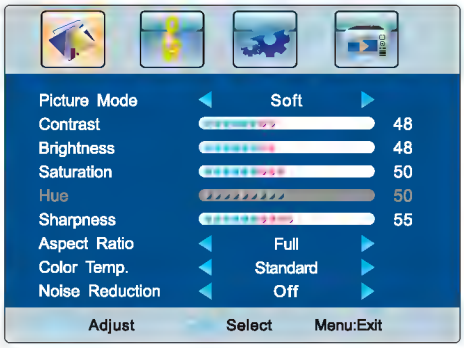
Press "**SOURCE**" key either on the remote control or on the control panel. The menu of "Input Source" will be displayed on the screen. Then press "▲/▼" key on remote control or "**CH+/CH-**" key on the control panel to choose the signal source. Press "**OK**" key on the remote control or "**MENU**" key on the control panel and TV will switch the current signal source to the signal source you choose.



Menu operation description

Press "**MENU**" key on the remote control or on the control panel, then the TV will display the main menu.

1. Press "◀/▶" key on the remote control or "**VOL+/VOL-**" key on the control panel to select the adjustment sort menu, which includes 4 sorts: PICTURE, SOUND, OSD, TV.
2. Press "▼" key on the remote control or "**CH-**" key on the control panel to enter the adjustment sort menu.
3. Press "▲/▼" key on the remote control or "**CH+/CH-**" key on the control panel to select what is needed to adjust in sort menu.
4. Press "◀/▶" key on the remote control or "**VOL+/ VOL-**" key on



The control panel to adjust the value or setting.

5. When the main menu appears on the screen, press "**MENU**" key to exit; when submenu appears on the screen, press "**MENU**" key to return to previous menu; press "**SOURCE**" key to show the signal source selection menu, and press it again to exit from the menu.
6. In the process of menu operation, the unavailable options in current state will be in gray.
7. The menu operation in this manual uses the example in TV state; the operations in other state are same as the TV state.

Note: *"◀", "▶", "▲" and "▼" key in this Manual stand for the direction cursor keys on the remote control unless specifically defined. The operating instructions in the text below are all based on keys on the remote control. Please understand the keys on the panel by yourself.*

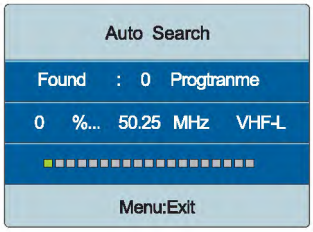
Program scanning

Before watching programs with the TV set for the first time, you need to scan the programs. Make sure that the antenna is connected properly before scanning.

Auto Search

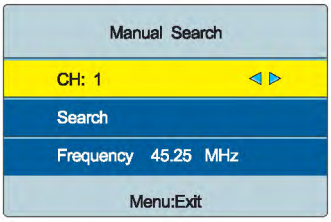
After auto scanning, the channels will be sorted according to the frequency automatically. The original program list will be overwritten.

Press "**MENU**" key to show the main menu on the screen: press "◀/▶" key to select , press "▼" key to enter TV menu; press "▲/▼" key to select "Auto Search" and press "▶" key to scan the channels automatically (in the process of auto-scan, press "**MENU**" key and the screen shows "Do you want to exit searching?"; you can press "◀" key to exit, or press "▶" key to cancel). All the TV programs will be saved automatically. The scanning requires a period of time.



Manual Search

Select to enter TV menu; press "▲/▼" key to select "Manual Search" and then press "▶" key to enter the menu. Press "◀/▶" key to adjust the channel, press "▲/▼" key to select "SEARCH", and then press the "◀/▶" key to start scanning (in the process of scanning, you can press "**MENU**" key to interrupt the scanning).

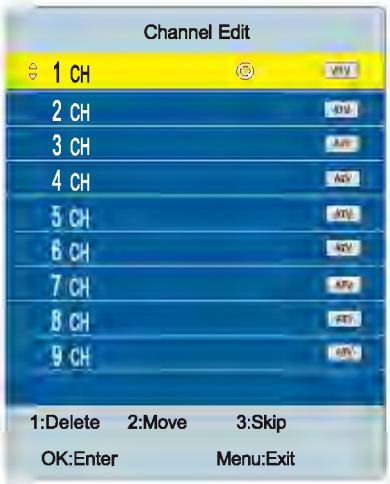


Menu setting list

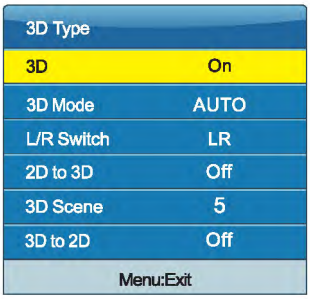
Refer to the table below for the specific menu settings.

PICTURE	Picture Mode	Adjust the overall effect of images: Standard, Soft, User, Bright.
	Contrast	Adjust the overall layering of images: increase the analog value to improve the contrast and decrease the analog value to reduce the contrast (0-100).
	Brightness	Adjust the overall brightness of images: increase the analog value to improve the brightness and decrease the analog value to reduce the brightness (0-100).
	Saturation	Adjust the color depth of images: increase the analog value to improve the depth and decrease the analog value to reduce the depth (0-100).
	Hue	Adjust the hue of images: increase analog value to increases green and decrease analog value to increases purple(0-100); the hue function is only valid in NTSC system.
	Sharpness	Adjust the sharpness of images: increase the analog value to increases the definition and decrease the analog value to reduce the definition (0-100).
	Aspect Ratio	Adjust the aspect ratio: Full, 4:3, Subtitle, Film.

PICTURE	Color Temp.	Adjust the overall color temperature of images: Standard, Warm, Cool.
	Noise Reduction	Set the grade of noise reduction: Middle, High, Off, Low.
	***Remark**: The values of Contrast, Brightness, Hue, Saturation and Sharpness adjusted by the user will be saved automatically.*	
SOUND	Sound Mode	Select the audio mode: Standard, Music, Movie, User.
	Treble	Adjust the treble: increase the analog value to increase the treble and decrease the analog value to reduce the treble (0-100).
	Bass	Adjust the bass: increase the analog value to increase the bass and decrease the analog value to reduce the bass (0-100).
	Balance	Adjust balance degree of right&left sound track: move the analog value to left to increase the left volume; move the analog value to right to increase the right volume (L50-R50). Generally, the balance is set to 0.
	***Remark**: The values of treble and bass adjusted by the user will be saved automatically.*	
OSD	OSD Language	Set the menu language: There are many languages to select.
	OSD Duration	Adjust duration of OSD menu: 15, 30, 45, 60. Unit: second.
	OSD Transparency	Adjust the menu transparency: increase the analog value to increase the transparency and decrease the analog value to reduce the transparency (0-100).
	Blue Screen	Set up whether screen turns to blue when there is no signal: On and Off.
	Sleep Time	Set the waiting time of standby: Off, 15M, 30M, 45M, 60M,90M, 120M, 240M. unit: min.
	3D Setup	Adjust 3D setting; please refer to **"3D setup"**.
	Recall	Restore factory settings.
TV	Color System	Select the color system: PAL, NTSC, SECAM, AUTO; please select the proper system, or else the picture isn't clear
	Sound System	Select the audio system: I, DK, M(or L) and BG; please select the proper audio system, or else there will be noise.
	Skip	Select skip: On and Off.
	Auto Search	Refer to **"Program scanning"**
	Manual Search	
	Fine Tune	Press "▲/▼" key to select " Fine Tune", and press "◀/▶" key to adjust from low frequency or high frequency; observe while tuning to achieve the best image and audio effect.
	Channel Edit	Press "▲/▼" key to select "Channel Edit" and then press "▶" key to edit the submenu. **1.Delete**: Press "▲/▼" key to select desired channel, and then press number key **"1"** on the remote control to delete the item. **2.Move**: Press "▲/▼" key to select desired channel, and press number key **"2"** on the remote control, then press "▲/▼" key to move to desired position, and press **"OK"** key to confirm, and then press **"MENU"** key to return. **3.Skip**: Press "▲/▼" key to select desired channel, and then press number key **"3"** on the remote control to turn on/off skip.



3D Setup



Select to enter OSD submenu. Press "▲/▼" keyto choose "3D Setup". Press "▶" key and the submenu for 3D Setup will be displayed on the screen.

★ **Special Attention**

1. This function works only in USB and HDMI modes.
2. Only when appropriate 3D mode is selected you can see 3D effect.
3. Wear 3D glasses before watching 3D videos.

★ **Remote Control Shortcut Key**

Press "**3D**" key on the remote control to access the menu for 3D Setup.

3D	Switch on and off 3D function	Switch on or off 3D function
3D Mode	Select 3D format	by side: side by side image format, displaying two overlapped images side by side; Top bottom: top bottom image format, displaying two overlapped images from top bottom; Line by line: line by line format, displaying images line by line for both eyes; Frame alternative: frame alternative format, displaying images by frame alternative format for both eyes; Automatic: this function works when HDMI 1.4 format 3D signal is used.
L/R Switch	Arrange images for left and right eyes	Left-right: arrange images from left to right eye; right-left: arrange images from right to left
2D to 3D	Switch from 2D to 3D	Enable/disable the function to switch from 2D to 3D
3D Scene	Adjust the depth of field for images after switch from 2D to 3D	Adjustment range from grade 1-10
3D to 2D	Switch from 3D to 2D	Enable/disable the function to switch from 3D to 2D

***Remark**: Please first read the following warnings before you or your child uses 3D function:*

⚠ Warning

- **If you have headache, fatigue and dizziness when watching 3D video for long time, please stop watching it and take a break. We suggest that you do not watch 3D video for long time or in a short distance, for this will weaken your eyesight.**
- **Suggest that those in poor health condition (have insufficient sleep or drink much) and pregnant women do not watch 3D video.**
- **The children are only allowed to watch 3D video with the company of their parents. The children younger than 6 are not allowed to watch 3D video.**
- **Warning for photosensitive epilepsy patients and other health risks:**
  The photosensitive epilepsy patients may suffer from sudden epilepsy or stroke when seeing some flashing images or light in the video. If you or your relatives have once suffered from epilepsy or stroke, please consult the physician before using 3D function. Even those without personal or family clinical record of epilepsy or stroke might suffer from elicited "photosensitive epilepsy attack" that has not diagnosed before.
  Once you have the following symptoms, please stop watching 3D video and consult physician: faintness, dizziness; involuntary movement (like eyes and muscle twitches), confusion; nausea, unconsciousness, twitches, spasm and disorientation, etc.. Parents should observe and inquire if their children have such symptoms, for children are more likely to have these symptoms than adults.

Warning

- **Please do not watch 3D video in open staircase or balcony with cables or other articles that might stumble, knock down or hit you. As this product is designed to make you feel personally on the scene, some true-to-life 3D videos might make you take evasive action, resulting in knock down of the objects nearby and personal injuries.**

Attention

- **You may not be able to experience 3D effect wearing 3D glasses of other company, so please wear the 3D glasses designated by our company.**
- **As 3D glasses are easily to be scratched, please properly keep them when they are not used. Please clear the glasses with clean and soft cloth.**
- **Please watch 3D video in effective visual angle and distance. The most preferable distance is equivalent to 3 times of the height of screen. You will not be able to experience 3D effect beyond effective visual angle and distance. Suggest that you try to align your sight with the screen height.**
- **You may not be able to experience 3D effect if your eyesight differs significantly for both eyes.**
- **You may not be able to experience 3D effect if you watch 3D video by sleeping on the side.**
- **Do not use 3D glasses as sunglasses or for other purposes.**

Appendix: 3D formats supported by 3D video

Mode	Resolution	Refresh	3D video file that can be played	Function
Formats supported by HDMI input	1280×1470P	50Hz	Frame Parking (HDMI V1.4 with 3D) frame package	HDMI Frame Packing can only support the video formats of these 3 resolutions; HDMI device should support Version 1.4
	1280×1470P	60Hz	Frame Parking (HDMI V1.4 with 3D) frame package	
	1920×2205P	24Hz	Frame Parking (HDMI V1.4 with 3D) frame package	
	1280×720P	50/60Hz	Side by side/top bottom	
	1920×1080i	50/60Hz	Side by side/top bottom	
	1920×1080P	60Hz	Side by side/top bottom/line by line/frame alternative	
		50Hz	Side by side/top bottom	
		24Hz	Side by side/top bottom/line by line	
Formats supported by USB input	1920×1080P	30Hz	Side by side/top bottom/line by line	Other 3D formats not recommended

Note: *With the mode of AV, YPbPr, PC, HDMI, all functions and adjustments are similar with TV. User can check it at convenience. HDMI connector can realize DVI connector function with external HDMI/DVI commutator.*

USB multimedia function

Connect the USB storage device to the USB interface in the TV set, press "**SOURCE**" key to select the USB signal source and press "**OK**" key to confirm.

Remark:

1. *Compatible USB media files: video, audio, picture, and text. The nonstandard USB storage devices may be incompatible; please replace with standard devices;*
2. *Stream media system has limitation on every kind of file format, and will report error if beyond system limit;*
3. *Do not unplug the USB device while playing, or else it will cause system or device error;*
4. *The system supports USB flash drive and removable hard disk with standard USB1.1 and USB2.0 interface transmission protocol. The file format of USB device must be FAT or FAT32, instead of NTFS.*

5. The USB interface of this TV set can supply a voltage of 5V and the maximum current is 500mA; accurate identification of the multimedia player will be affected when a storage device above 500mA is used, which is a normal phenomenon.

Press "◀/▶" key to select file type menu, which includes PHOTO, MUSIC, MOVIE and TEXT.

PHOTO

Select to enter the menu, select a disk, and press **"OK"** key to read the files.

Select to return to disk selection interface. Press "▲/▼/◀/▶" key to select PHOTO, and press **"OK"** key to confirm (the selected file has a red check mark in the lower right; you can select multiple files and add to the playing list), and then press **"PLAY"** key to play the files. If you press **"PLAY"** key directly without selecting any file, the system will add all the files in the folder to the playing list.

Basic functions:

While playing, press **"INFO"** key to show the basic operation function bar in the bottom of the screen (press "▼" key to hide the function bar).

	Play/Pause: Press "◀/▶" key to select this function, and press **"OK"** key to play or pause.
	Previous: Press "◀/▶" key to select this function, and press **"OK"** key to play previous picture.
	Next: Press "◀/▶" key to select this function, and press **"OK"** key to play next picture.
	Stop: Press "◀/▶" key to select this function, and press **"OK"** key to stop playing and return to previous menu.
	Repeat: Press "◀/▶" key to select this function, and press **"OK"** key to select repeat one or repeat all or not repeat.
	Background music: Press "◀/▶" key to select this function, and press **"OK"** key to play the background music (music files and picture files should be saved in the same folder, or select music files in the music folder first).
	Playing list: Press "◀/▶" key to select this function, and press **"OK"** key to show the playing list.
	File info: Press "◀/▶" key to select this function, and press **"OK"** key to show the picture info, including resolution, size, etc.
	Rotate CW: Press "◀/▶" key to select this function, and press **"OK"** key to rotate the picture clockwise.
	Rotate CCW: Press "◀/▶" key to select this function, and press **"OK"** key to rotate the picture counterclockwise.
	Zoom in: Press "◀/▶" key to select this function, and press **"OK"** key to zoom in the picture.
	Zoom out: Press "◀/▶" key to select this function, and press **"OK"** key to zoom out the picture.
	Catch the picture: Catch the picture then set it for logo when turn on the TV.

MUSIC

The basic operation is similar to PHOTO; please refer to above operation.

Basic functions:

	Fast rewind: Press "◀/▶" key to select this function, and press "**OK**" key to play fast rewind. Press "**PLAY**" key on the remote control to play normally.
	Fast forward: Press "◀/▶" key to select this function, and press "**OK**" key to play fast forward. Press "**PLAY**" key on the remote control to resume normal playing.
	Timing: Press "◀/▶" key to select this function, and press "**OK**" key to select the playing time.

Refer to PHOTO for other functions.

MOVIE

The basic operation is similar to PHOTO; please refer to above operation.

Basic functions:

	A-B playing: Press "◀/▶" key to select this function, and press "**OK**" key to set point A and point B. The video playing will repeat between A and B.
	Slow playing: Press "◀/▶" key to select this function, and press "**OK**" key to slow the playing. Press "**PLAY**" key to resume normal playing.
	Single step: Press "◀/▶" key to select this function, and press "**OK**" key to play the video step by step. Press "**PLAY**" key to resume normal playing.
	Aspect ratio: Press "◀/▶" key to select this function, and press "**OK**" key to switch among Auto, 4:3 and Full. This function doesn't support some HD video.

Refer to PHOTO and music for other functions.

***Remark**: Zooming function doesn't support some HD video.*

TEXT

The basic operation is similar to PHOTO; please refer to above operation.

Troubleshooting

Problem	Reason	Solution
TV image is blurry, and has noise.	1.Antenna connector is loose and cable is damaged. 2.Channel setting is improper. 3.Antenna type is improper. 4.Antenna orientation or position is improper. 5.Signal is weak.	1.Check whether the antenna connector is loose, and whether the cable is good state. 2.Refer to "TV" setting to reset. 3.Check antenna type (VHF/UHF). 4.Check antenna orientation or position. 5.Use signal amplifier.
TV image is good, but there is noise.	TV sound setting is improper.	Enter "TV" setting menu and reset the sound system.
No screen display, no sound, indicator is off.	Power plug is loose, or power supply isn't connected.	1.Check if the power cord is connected properly. 2.Check if the "⏻" button on the panel is on.
TV image has point, line or stripe interference.	The signal is interfered with by automobile, neon light, or hair drier.	Do not use hair drier near the device, and adjust the antenna orientation to reduce the interference.
TV image ghosting.	1.TV signal is reflected by. mountain or tall building. 2.Antenna orientation is improper.	1.Use high positioning antenna, and "TV" tuning. 2.Adjust the antenna orientation.
Image has no color.	1.Saturation is too low. 2.Color system is improper.	1.Enter "PICTURE" setting to increase the saturation. 2.Enter "TV" setting to change the color system.
TV doesn't have sound.	1.Volume is too low. 2.Sound is turned off. 3.Sound system is improper.	1.Adjust the volume properly. 2.Press "MUTE" key on the remote control to turn on the sound. 3.Enter "TV" setting change the sound system.
PC doesn't have display, no signal input, red indicator flashes.	Signal cable is loose or falls off.	Check whether the signal cable is loose or falls off, and reconnect the cable.
Remote control distance becomes short, out of control.	1.The receiver window is blocked. 2.Battery voltage of the remote control is too low.	1.Move the object to avoid blocking the receiver window. 2.Replace the battery.
PC display is blurry.	1.Adjustment is improper. 2.Display mode is improper.	1.Use automatic adjustment. 2.Use recommended mode.
PC image offset, can't fit the screen or beyond the screen.	1.Adjustment is improper. 2.Display mode is improper.	1.Use automatic adjustment. 2.Enter "Geometry" to adjust the vertical or horizontal position. 3.Use recommended mode.
Noise Signals at turning off.	Electrical release at turning off.	It is normal.
Can't operate the device.	External factors, such as lightning and ESD, may interfere with the normal operation.	Press "⏻" button to turn off electrical source, then press "⏻" button to turn on the TV again after 1-2 minutes.

Technical Specifications

Master unit

Panel size	32"		
Max. Resolution	1366×768		
Best Resolution	1360×768@60Hz		
Pixel Pitch	0.51075mm×0.51075mm		
Active Area	697.685mm×392.256mm		
Power Supply	100-240VAC 60/50Hz		
Power Consumption of Speaker	8W+8W		
Dimension (L×H×W) and Weight	Excluding base	Unpacking: 739×452×68(mm^3)	
	Including base	Unpacking: 739×492×68(mm^3)	Net Weight: 7kg
		Packing: 930×547×160(mm^3)	Gross Weight: 9kg
		Unpacking: 739×492×68(mm^3)	Net Weight: 8.5kg
		Packing: 930×547×160(mm^3)	Gross Weight: 10.5kg

Panel size	42"		
Max. Resolution	1920×1080		
Best Resolution	1920×1080@60Hz		
Pixel Pitch	0.4845mm×0.4845mm		
Active Area	930.24mm×523.26mm		
Power Supply	100-240VAC 60/50Hz		
Power Consumption of Speaker	8W+8W		
Dimension (L×H×W) and Weight	Excluding base	Unpacking: 972×583×72(mm^3)	
	Including base	Unpacking: 972×634×72(mm^3)	Net Weight: 11.5kg
		Packing: 1165×687×160(mm^3)	Gross Weight: 14kg

Operating environment: temperature: 5℃~40℃; RH: 10%~85%; atmospheric pressure: 86kPa~104kPa
Storage environment: temperature: -20℃~55℃; RH: 5%~95%; atmospheric pressure: 86kPa~104kPa

Technical specifications for TV

1. Compatible system: PAL + NTSC + SECAM
2. Antenna input: coaxial 75Ω unbalanced
3. AV video input: 75Ω, 1 Vp-p, RCA terminal
4. AV audio input: 20kΩ, 500mV RMS
5. YPbPr / HDMI video input: 480i, 480P, 576i, 576P, 720P, 1080i, 1080P

Technical Specifications

VGA display mode

32"

NO.	Mode	Resolution	Refresh rate
1	VGA	720×400	70Hz
2		640×480	60Hz
3	SVGA	800×600	60Hz
4	XGA	1024×768	60Hz
5	WXGA	1360×768	60Hz

Recommended mode:1360X768@60Hz

42"

NO.	Mode	Resolution	Refresh rate
1	VGA	720×400	70Hz
2		640×480	60Hz
3	SVGA	800×600	60Hz
4	XGA	1024×768	60Hz
5		1280×720	60Hz
6	WXGA	1360×768	60Hz
7		1600×900	60Hz
8	WUXGA	1920×1080	60Hz

Recommended mode:1920X1080@60Hz

Power management

Mode	Power LED state	Power consumption	
		32"	42"
Normal working	Off	≤55W	≤98W
Standby	On	≤0.5W	≤0.5W